

It is the intent of this Specification that payment for this item will be made only one time for work performed on the subgrade as defined in Subsection 101.52 regardless of the number of subbase or base courses placed on the subgrade.

SECTION 311

PROCESSING EXISTING BASE AND SURFACE

311.01. DESCRIPTION.

This work shall consist of the removal, processing, reuse, or disposal of existing aggregate surface course or base course and asphalt surface. This work shall be done in accordance with one of the following methods as specified herein and shown on the Plans or as indicated by a pay item on the Plans and in the Proposal.

311.04. CONSTRUCTION METHODS.

Loosen or scarify the aggregate or other materials in place (or use other suitable methods) to its full depth and width. Process all loosened aggregate or asphalt and break it into pieces which will pass a 3 inch (75 mm) sieve. Windrow the materials on the subgrade or shoulder as the case may require. Exercise care in loosening, removing, processing, and storing aggregate to avoid the addition of excess amounts of soil or other foreign material which would render it unsuitable for use hereafter specified.

NOTE: Damaged material resulting from improper workmanship of the Contractor will not be measured for payment.

- **Method A - For Salvage and Stockpiling.** The processed materials shall not contain detrimental amounts of subgrade or soil or other foreign material. The processed material shall be loaded and hauled to storage locations indicated on the Plans. All materials shall be stored in a neat and workmanlike manner. All grass, weeds, and other rubbish shall be removed from the storage area prior to stockpiling material.
- **Method B - For Use in Subgrade.** The processed materials shall be windrowed on the shoulders during the shaping and conditioning of the subgrade. The materials shall then be spread uniformly over the full width of the section and compacted and completed with the subgrade in accordance with the method specified.
- **Method C - For Use as Subbase.** The processed materials shall be spread evenly on the previously completed and compacted subgrade and then compacted to the requirements specified for the method of subgrade preparation.
- **Method D - For Use in New Base Courses, Shoulders, or Ramps.** The processed materials may be placed on the completed subgrade as a base course, shoulders, or ramps, or they may be blended uniformly with new material for any course. The suitability of the removed materials shall be determined by the Engineer, and the *materials used as authorized*.

NOTE: Materials used in method B, C, and D shall be compacted to not less than 95 percent of standard density for shoulders, ramps, and base courses.

311.05. METHOD OF MEASUREMENT.

Processing existing base and surface will be measured by the station or fraction thereof measured along the center line of the roadbed.

311.06. BASIS OF PAYMENT.

Accepted quantities for processing existing base and surface, measured as provided above, will be paid for at the contract unit price as follows:

- (A) PROCESSING EXISTING BASE AND SURFACE, METHOD A STATION
- (B) PROCESSING EXISTING BASE AND SURFACE, METHOD B STATION
- (C) PROCESSING EXISTING BASE AND SURFACE, METHOD C STATION
- (D) PROCESSING EXISTING BASE AND SURFACE, METHOD D STATION

Such payment shall be full compensation for furnishing all equipment, tools, labor, and incidentals necessary to complete the work as specified.

SECTION 317

FLY ASH MODIFIED SUBGRADE

317.01. DESCRIPTION.

This work shall consist of constructing one or more courses of a mixture of soil, fly ash, and water, in accordance with these Specifications and in reasonably close conformity with the lines, grades, and typical cross sections shown on the Plans or established by the Engineer.

317.02. MATERIALS.

Materials shall meet the requirements specified in the following Sections and Subsections of Section 700 - Materials:

Fly Ash	702
Water	701.04

317.03. EQUIPMENT.

- (a) **General.** All equipment necessary for construction of fly ash modified subgrade shall be furnished in accordance with the requirements of Subsection 108.06 and the following:
- (b) **Traveling Plants.** Traveling plants used for soil pulverization and mixing shall be approved in accordance with the requirements of Subsection 301.03(b).
- (c) **Compactors.** Equipment for compaction shall meet the requirements of Subsection 301.03(c).
- (d) **Sprinklers.** Sprinklers shall meet the requirements of Subsection 301.03(d).

317.04. CONSTRUCTION METHODS.

- (a) **General.** It is the primary requirement of these Specifications to secure a completed course or courses of subgrade material containing a fly ash mixture of uniform density and moisture content; it should be free from loose or segregated areas, and well bound for its full depth with